REMARKS

In a first Office Action dated May 17, 2005, the Examiner objected to claims 10, 16, 22, and 25 due to informalities. The Examiner then rejected claims 1-3, 7-9, 13, and 14 under 35 U.S.C. §102(b) as being anticipated by Haumont et al. (U.S. patent application publication no. 2002/0032032, hereinafter referred to as "Haumont"). The Examiner rejected claims 15-17, 21-23, and 27-29 under 35 U.S.C. §103(a) as being as being unpatenable over Haumont. The Examiner objected to claims 4-6, 10-12, 18-20, and 24-26 as being dependent upon a rejected base claim but as being allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The rejections and objections are traversed and reconsideration is hereby respectfully requested.

The Examiner objected to claims 10, 16, 22, and 25 (actually, claim 24) due to informalities, more particularly due to typographical errors, and suggested corrections. The applicants have amended each of claims 10, 16, 22, and 24 as suggested by the Examiner. Accordingly, the applicants respectfully request that the Examiner withdraw the objections to claims 10, 16, 22, and 24.

The Examiner then rejected claims 1-3, 7-9, 13, and 14 under 35 U.S.C. §102(b) as being anticipated by Haumont. Claim 1 has been amended to provide a method for controlling a cell reselection mode of a mobile station while the mobile station resides in a cell comprising determining a cell reselection mode of the mobile station, wherein the cell reselection mode comprises one or more of (i) whether a cell reselection will be autonomous or network-controlled and (ii) the reporting requirements of the mobile station, determining whether the mobile station is experiencing a change in radio frequency (RF) conditions, and when the mobile station is experiencing a change in RF conditions, instructing the mobile station to change a cell reselection mode used by the mobile station. These features are not taught by Haumont.

Haumont merely teaches a selection of a target cell for a cell reselection based on path loss. Haumont assumes that the cell reselection mode of the mobile station, that is, one or more of (i) whether a cell reselection will be autonomous or network-controlled

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and (ii) the reporting requirements of the mobile station, such as an NC0 mode, an NC1 mode, and an NC2 mode, stays the same. Therefore, nowhere does Haumont teach the features of claim 1 comprising determining a cell reselection mode of the mobile station, determining whether the mobile station is experiencing a change in radio frequency (RF) conditions, and when the mobile station is experiencing a change in RF conditions, instructing the mobile station to change a cell reselection mode used by the mobile station, wherein the cell reselection mode comprises one or more of (i) whether a cell reselection will be autonomous or network-controlled and (ii) the reporting requirements of the mobile station. Accordingly, the applicants respectfully request that claim 1 may now be passed to allowance.

Since claims 2-14 depend upon allowable claim 1, the applicants respectfully request that claims 2-14 may now be passed to allowance.

The Examiner rejected claims 15-17, 21-23, and 27-29 under 35 U.S.C. §103(a) as being as being unpatenable over Haumont. With respect to claim 15, the Examiner contended that Haumont teaches all of features of the claim except for the specific constructs of an at least one memory device and a processor. Claim 15 has been amended to provide a network controller comprising a processor that determines a cell reselection mode of a mobile station located in a cell, wherein the cell reselection mode comprises one or more of (i) whether a cell reselection will be autonomous or network-controlled and (ii) the reporting requirements of the mobile station, determines whether the mobile station is experiencing a change in radio frequency (RF) conditions, and when the mobile station is experiencing a change in RF conditions, instructs the mobile station to change a cell reselection mode. As described in detail above, such features of a network controller is not taught by Haumont. Accordingly, the applicants respectfully request that claim 15 may now be passed to allowance.

Since claims 16-29 depend upon allowable claim 1, the applicants respectfully request that claims 16-29 may now be passed to allowance.

As the applicants have overcome all substantive rejections and objections given by the Examiner and have complied with all requests properly presented by the Examiner,

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the applicants contend that this Amendment, with the above discussion, overcomes the Examiner's objections to and rejections of the pending claims. Therefore, the applicants respectfully solicit allowance of the application. If the Examiner is of the opinion that any issues regarding the status of the claims remain after this response, the Examiner is invited to contact the undersigned representative to expedite resolution of the matter.

Respectfully submitted,
Damodaran Vasudevan et al.

By: _____
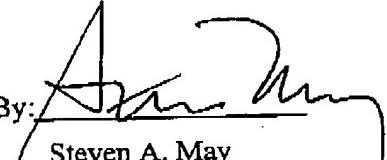
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